

# Mr. Peiwen Yuan

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**Research Interests:** Large Language Model - Evaluation & Reasoning



## EDUCATION

- Beijing Institute of Technology** (985 project university) **2022.09-Present**  
*PhD in Computer Science and Technology* Supervisor: Prof. Kan Li
- Beijing Institute of Technology** **2018.09-2022.06**  
*BSc in Computer Science and Technology, Xuteli School (Honors College of BIT)* Average Score: 92/100 (rank: 1/56)



## PUBLICATIONS (First&Co-First Author)

### NLP - Model Evaluation

- **[ICLR Spotlight]** Peiwen Yuan, Shaoxiong Feng, Yiwei Li, et al., “UniCBE: An Uniformity-driven Comparing Based Evaluation Framework with Unified Multi-Objective Optimization,” in *ICLR*, 2025.
- **[ACL - Oral]** Peiwen Yuan, Shaoxiong Feng, Yiwei Li, et al., “BatchEval: Towards Human-like Text Evaluation,” in *ACL*, 2024.
- **[ACL]** Peiwen Yuan, Shaoxiong Feng, Yiwei Li, et al., “Poor-Supervised Evaluation for SuperLLM via Mutual Consistency,” in *ACL*, 2024.
- **[NeurIPS]** Peiwen Yuan, Xinglin Wang, Jiayi Shi, et al., “Better Correlation and Robustness: A Distribution Balanced Self-Supervised Learning Framework for Automatic Dialogue Evaluation,” in *NeurIPS*, 2023.
- **[NAACL]** Xinglin Wang\*, Peiwen Yuan\*, Shaoxiong Feng, et al., “CogLM: Tracking Cognitive Development of Large Language Models,” in *NAACL*, 2025.
- **[SIGDIAL x INLG]** Xinglin Wang\*, Jiayi Shi\*, Peiwen Yuan\*, et al., “Parallel Corpora Alignment Framework for Multilingual and Robust Automatic Dialogue Evaluation,” in *SIGDIAL x INLG*, 2023.

### NLP - Model Reasoning

- **[EMNLP]** Peiwen Yuan, Shaoxiong Feng, Yiwei Li, et al., “Focused Large Language Models are Stable Many-Shot Learners,” in *EMNLP*, 2024.
- **[AAAI - Oral]** Yiwei Li\*, Peiwen Yuan\*, Shaoxiong Feng, et al., “Turning Dust into Gold: Distilling Complex Reasoning Capabilities from LLMs by Leveraging Negative Data,” in *AAAI*, 2024.
- **[ICLR]** Yiwei Li\*, Peiwen Yuan\*, Shaoxiong Feng, et al., “Escape Sky-high Cost: Early-stopping Self-Consistency for Multi-step Reasoning,” in *ICLR*, 2024.

### IR - Generative Dense Retrieval

- **[EACL - Oral]** Peiwen Yuan\*, Xinglin Wang\*, Shaoxiong Feng, et al., “Generative Dense Retrieval: Memory Can Be a Burden,” in *EACL*, 2024.



## HONORS and AWARD

- Beijing Municipal Outstanding Student** **2021**
- National Scholarship (three times)** **2019, 2020, 2024**
- The 11th Dialogue System Technology Challenge (DSTC11) Track 4: Second place **2023**
- From Beijing Institute of Technology: Outstanding Merit Student \* 2, Outstanding Student, Outstanding Undergraduate Student, First-Class Academic Scholarship \* 4, Second-Class Academic Scholarship \* 3 **2018-2022**



## RESEARCH EXPERIENCES

**Research Intern, Xingyin Information Technology Co., Ltd. (XiaoHongShu)** **2023.03-Present**

- As a research intern, I have successively been responsible for studying technologies related to information retrieval, large language model evaluation, and reasoning, and have published multiple papers in top international conferences.



## SKILLS

Programming: Python, C/C++, SQL

Software: Pytorch, Hugging Face Transformers, DeepSpeed, Cursor, Django, Gradio

English Proficiency: CET6 - 557